

Title (en)

DATA PACKAGE FORWARDING METHOD, SYSTEM AND DEVICE

Title (de)

VERFAHREN, SYSTEM UND VORRICHTUNG ZUR WEITERLEITUNG VON DATENPAKETEN

Title (fr)

PROCÉDÉ, SYSTÈME ET DISPOSITIF DE RÉACHEMINEMENT DE PAQUETS DE DONNÉES

Publication

EP 2360879 A4 20120111 (EN)

Application

EP 09827135 A 20090707

Priority

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- CN 200810219260 A 20081120

Abstract (en)

[origin: WO2010057386A1] A data package forwarding method, a communication system and a Carrier Grade Network Address Translation (CGN) device and an access gateway are provided. The CGN device (1) communicates with an access gateway (7) via IPv4 network and is used for receiving a first data package forwarded by the access gateway (7) and for judging whether the first data package is an IPv4 message or an IPv6-over-IPv4 tunnel message; the first data package is forwarded into an IPv4 network if the first data package is an IPv4 message; the CGN device (1) de-encapsulates the first data package if the first data package is an IPv6-over-IPv4 tunnel message to obtain the first IPv6 message and forwards the first IPv6 message to an IPv6 network or to an IPv4 network. The implementation of the embodiments of the present invention solves the technical problems of full usage of IPv4 network and of gradually and incrementally allocating IPv6 network and of realizing communication.

IPC 8 full level

H04L 12/46 (2006.01); **H04L 12/56** (2006.01); **H04L 29/12** (2006.01); **H04L 45/748** (2022.01)

CPC (source: EP US)

H04L 12/4633 (2013.01 - EP US); **H04L 45/748** (2013.01 - EP US); **H04L 61/2514** (2013.01 - EP US); **H04L 61/2592** (2013.01 - EP US); **H04L 45/306** (2013.01 - EP US); **H04L 2101/677** (2022.05 - EP US); **H04L 2212/00** (2013.01 - EP US)

Citation (search report)

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